



Form PTO-1449

**INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY DOCKET NO.  
2936-0144PAPPLICATION NO.  
10/021,020APPLICANT  
Tadahiro USHIROFILING DATE  
December 19, 2001GROUP  
2121**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						
	US						

**RECEIVED**

SEP 23 2003

Technology Center 2100

**FOREIGN PATENT DOCUMENTS**

	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
<i>2/27</i>	CN	1076532	A	1993-09-22	CHINA			abs	
<i>8/1</i>	JP	04-361334	A	1992-12-14	JAPAN			abs	

**OTHER DOCUMENTS**

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)


EXAMINER

**CHRISTOPHER B. SHIN**  
**PRIMARY EXAMINER**

DATE CONSIDERED

3-20-04

EXAMINER: Initial if citation considered helpful or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this citation in next communication to applicant.

2936-0144P

TCB/CMV/ndb

BEST AVAILABLE COPY

Form PTO-1449		ATTY. DOCKET NO. 2936-0144P		APPLICATION NO. 10/021,020				
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)		APPLICANT Tadahiro USHIRO						
		FILING DATE December 19, 2001		GROUP 2182				
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
<i>ms</i> <i>sv</i>	US 6,145,020	A	2000-11-07	Barnett				
	US 5,142,625	A	1992-08-25	Nakai				
	US							
	US							
	US							
	US							
	US							
	US							
	US							
						<b>RECEIVED</b> APR 15 2004 Technology Center 2100		
<b>FOREIGN PATENT DOCUMENTS</b>								
Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
<i>sv</i>	EP	0 306 962	A2	1989-03-15	EUROPE			
<b>OTHER DOCUMENTS</b> (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.								
EXAMINER				DATE CONSIDERED				
<b>CHRISTOPHER B. SHIN</b> <b>PRIMARY EXAMINER</b>				6-21-04				
EXAMINER: Initial if citation conforms, whether or not citation is in conformance with M.P.S.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this communication to applicant.								

TCB/CMV/jdm

BEST AVAILABLE COPY